

CHARACTERISTICS

Ambient temperature	-20° ÷ 80 °C
Fluid	filtered air, with or without lubrication, neutral gases
Working pressure	4 ÷ 8 bar (single acting) 2 ÷ 8 bar (double acting)
Connections	NAMUR interface (G1/4)
Rotation	0-90°±3° (external adjustment)
Max pressure	10 bar
End-caps	die-cast aluminium
Piston	die-cast aluminium
Guide slide	acetalic resin
Seals	NBR
Body	hard anodized aluminium extrusion
Pinion	nickel-plated steel
Screws and nuts	stainless steel

Connections: bottom hole for ball valve installation in compliance with ISO 5211/DIN 3337 standards.
Solenoid valve interface, shaft top-end and top hole for accessory fixing in compliance with VDI/VDE 3845 NAMUR standards.



CODIFICATION KEY

Y	R	2	0	1	D	A	0
1		2		3			

1 Series	2 Size (mm)	3 Version
YR2 = Rotary Actuators for Process Automation	00 = 32 (DA0 only) 01 = 50 2A = 63 (F04) 2B = 63 (F05) 03 = 75 35 = 85 04 = 100	45 = 115 05 = 125 55 = 145 06 = 160 08 = 200 10 = 250

DA0 = Double acting
S12 = Single acting - 12 springs standard (different number of springs upon request)

Torque - double acting version (P = 6 bar)

Part No.	Torque (Nm)
YR200DA0	7,3
YR201DA0	17,7
YR22ADA0-YR22BDA0	28,2
YR203DA0	60
YR235DA0	102
YR204DA0	142
YR245DA0	261,6
YR205DA0	333
YR255DA0	473
YR206DA0	680
YR208DA0	1276
YR210DA0	3234

Torque - single acting version (P = 6 bar)

Part No.	Torque (Nm)	
	0°	90°
YR201S12	10,5	7,2
YR22AS12-YR22BS12	16,8	11,4
YR203S12	36	24
YR235S12	64	39
YR204S12	87	56
YR245S12	159,6	101,6
YR205S12	203	130
YR255S12	303	173
YR206S12	429	260
YR208S12	796	520
YR210S12	1909	1254

<p>■ YR series ball valve</p>	<p>■ AC-N series NAMUR valves</p>	<p>■ AC-N series valves with actuator</p>
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